

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: GARY A. KASPER AND DAVID E. McDOWELL  
For: EXTRACTION CLEANING WITH HEATING  
Docket No. 71189-1337

JC979 U.S. PRO  
09/911228  
07/23/01

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

The references listed on the attached set of copies of Form PTO-1449, bearing Atty. Docket Number 71189-1167, and a set of copies of Form PTO-892, bearing Application No. 09/133,832, are submitted herewith pursuant to 37 C.F.R. §§ 1.97-1.99 in accordance with Applicants' duty of disclosure as set forth at 37 C.F.R. § 1.56. Copies of the listed references on these copies of Form PTO-1449 and PTO 892 are not enclosed because they were cited in the grandparent application, Serial No. 09/133,832, now U.S. patent 6,131,237. Applicants request that the Examiner review these references and include them in the references of record in any patent issuing from this application.

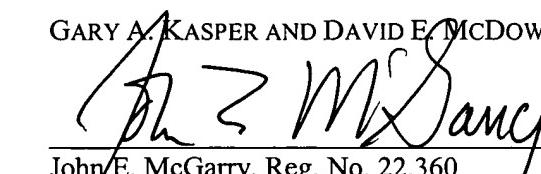
Also attached is another set of Form PTO-1449, bearing Atty. Docket Number 71189-1337, listing references not previously cited to or by the Patent Office also pursuant to 37 C.F.R. §§ 1.97-1.99 in accordance with Applicants' duty of disclosure as set forth at 37 C.F.R. § 1.56.. Copies of these references are enclosed.

The submission of the accompanying information is not intended to imply that more pertinent prior disclosures may not exist, nor is it an admission by Applicants that any one or more of the documents submitted herewith form a part of the scope and content of the prior art.

This Information Disclosure Statement is submitted with the filing of the above-referenced application.

Respectfully submitted,

GARY A. KASPER AND DAVID E. McDOWELL

  
John E. McGarry, Reg. No. 22,360  
RADER, FISHMAN, GRAUER & MCGARRY, AN  
OFFICE OF RADER, FISHMAN & GRAUER PLLC  
171 Monroe Avenue, NW, Suite 600  
Grand Rapids, Michigan 49503  
(616) 742-3500

Dated: July 23, 2001

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			Atty. Docket Number  71189-1167	Serial Number:  09/113,382			
<b>LIST OF PRIOR ART CITED BY APPLICANT</b>  <b>IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>			Applicants: GARY A. KASPER ET AL.				
			Filing Date:  8/13/98	Group:  1744			
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER TRIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,657,509	08/1997	Trautloff et al.			
	AB	4,968,166	11/1990	Ingram			
	AC	4,153,968	05/1979	Perkins			
	AD	3,883,301	05/1975	Emrick et al.			
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	CLASS	SUBCLASS	TRANSLATION YES      NO
	AL	2 285 573	07/1995	GB			<input type="checkbox"/> <input checked="" type="checkbox"/>
	AM	0 625 331	11/1994	EP			<input type="checkbox"/> <input checked="" type="checkbox"/>
	AN	2 027 335	02/1980	GB			<input type="checkbox"/> <input checked="" type="checkbox"/>
	AO						<input type="checkbox"/> <input type="checkbox"/>
	AP						<input type="checkbox"/> <input type="checkbox"/>
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
	AR						
	AS						
	AT						
EXAMINER			DATE CONSIDERED:				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <b>LIST OF PRIOR ART CITED BY APPLICANT</b> <b>IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>
--

Atty. Docket Number  
71189-1167  
Applicant(s): Gary A. Kasper et al.

Serial Number:

09/113,832



Filing Date:  
8/13/98

Group:  
1744

**U.S. PATENT DOCUMENTS**

*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	5,819,364	10/1998	Sham			
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	CLASS	SUBCLASS	TRANSLATION YES	NO
AL	0 586 762 A1	3/16/94	EP			<input checked="" type="checkbox"/>	<input type="checkbox"/>
AM						<input type="checkbox"/>	<input type="checkbox"/>
AN						<input type="checkbox"/>	<input type="checkbox"/>
AO						<input type="checkbox"/>	<input type="checkbox"/>
AP						<input type="checkbox"/>	<input type="checkbox"/>

**OTHER DOCUMENTS***(Including Author, Title, Date, Pertinent Pages, Etc.)*

AR		
AS		
AT		

EXAMINER

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449  
 U.S. DEPARTMENT OF COMMERCE  
 PATENT AND TRADEMARK OFFICE  
**LIST OF PRIOR ART CITED BY APPLICANT**  
**IN AN APPLICATION**  
*(Use several sheets if necessary)*

Atty. Docket Number		Serial Number:
71189-1167		09/133,832
Applicants: GARY A. KASPER ET AL.		
Filing Date:		Group:
8/13/98		1744

C979 U.S. PTO  
09/9/12/28  
07/23/04

**U.S. PATENT DOCUMENTS**

*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA 5,386,612	02/1995	Sham			
	AB 5,341,541	08/1994	Sham			
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	CLASS	SUBCLASS	TRANSLATION YES <input type="checkbox"/> NO <input type="checkbox"/>
	AL					<input type="checkbox"/> <input type="checkbox"/>
	AM					<input type="checkbox"/> <input type="checkbox"/>
	AN					<input type="checkbox"/> <input type="checkbox"/>
	AO					<input type="checkbox"/> <input type="checkbox"/>
	AP					<input type="checkbox"/> <input type="checkbox"/>

**OTHER DOCUMENTS***(Including Author, Title, Date, Pertinent Pages, Etc.)*

	AR	
	AS	
	AT	

EXAMINER

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449  
U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

**LIST OF PRIOR ART CITED BY APPLICANT  
IN AN APPLICATION**  
*(Use several sheets if necessary)*

Atty. Docket Number

71189-1167

Serial Number:

PTO  
S-1128

Applicants: Gary A. Kasper et al.

Filing Date:

Group:

S-1128  
09/91  
07/28**U.S. PATENT DOCUMENTS**

*EXAMINER TRIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,576,282	11/1996	Miracle et al.			
	AB	5,555,850	09/1996	Garcia			
	AC	5,555,595	09/1996	Ligman			
	AD	5,502,872	04/1996	Chae et al.			
	AE	5,500,150	03/1996	Schiebel et al.			
	AF	5,493,753	02/1996	Rostamo			
	AG	5,492,540	02/1996	Leifheit et al.			
	AH	5,464,832	11/1995	Osei-Gyimah et al.			
	AI	5,388,180	02/1995	Bayles			
	AJ	5,348,556	09/1994	Minns et al.			
	AK	5,338,475	08/1994	Corey et al.			

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	CLASS	SUBCLASS	TRANSLATION YES      NO
	AL						<input type="checkbox"/> <input type="checkbox"/>
	AM						<input type="checkbox"/> <input type="checkbox"/>
	AN						<input type="checkbox"/> <input type="checkbox"/>
	AO						<input type="checkbox"/> <input type="checkbox"/>
	AP						<input type="checkbox"/> <input type="checkbox"/>

**OTHER DOCUMENTS***(Including Author, Title, Date, Pertinent Pages, Etc.)*

	AR	
	AS	
	AT	

EXAMINER

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <b>LIST OF PRIOR ART CITED BY APPLICANT</b> <b>IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>	Atty. Docket Number	Serial Number:
	71189-1167	
	Applicants: Gary A. Kasper et al.	
	Filing Date:	Group:

### U.S. PATENT DOCUMENTS

*EXAMINER TRIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,287,588	02/1994	Gurstein et al.			
	AB	5,265,318	11/1993	Shero			
	AC	5,151,212	09/1992	Bell et al.			
	AD	4,949,424	08/1990	Shero			
	AE	4,940,082	07/1990	Roden			
	AF	4,443,909	04/1984	Cameron			
	AG	4,397,057	08/1983	Harbeck			
	AH	4,308,636	01/1982	Davis			
	AI	4,284,127	08/1981	Collier et al.			
	AJ	4,207,649	06/1980	Bates			
	AK	4,154,578	05/1979	Bane			

### FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	CLASS	SUBCLASS	TRANSLATION YES      NO
	AL						<input type="checkbox"/> <input type="checkbox"/>
	AM						<input type="checkbox"/> <input type="checkbox"/>
	AN						<input type="checkbox"/> <input type="checkbox"/>
	AO						<input type="checkbox"/> <input type="checkbox"/>
	AP						<input type="checkbox"/> <input type="checkbox"/>

### OTHER DOCUMENTS

*(Including Author, Title, Date, Pertinent Pages, Etc.)*

	AR	
	AS	
	AT	

EXAMINER

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <b>LIST OF PRIOR ART CITED BY APPLICANT</b> <b>IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>	Atty. Docket Number	Serial Number:
	71189-1167	
	Applicants: Gary A. Kasper et al.	
	Filing Date:	Group:

### U.S. PATENT DOCUMENTS

*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	4,114,229	09/1978	Jones et al.			
AB	4,046,989	09/1977	Parise et al.			
AC	3,831,223	08/1974	Colt et al.			
AD	3,699,607	10/1972	Putt			
AE	3,061,959	11/1962	Blumenfeld			
AF	2,688,069	08/1954	Combest			
AG	2,499,448	03/1950	Axelson et al.			
AH	2,116,896	05/1938	Hudson			
AI	1,415,550	05/1922	Hadaway, Jr.			
AJ	941,215	11/1909	Wade			
AK						

### FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	CLASS	SUBCLASS	TRANSLATION	YES	NO
AL							<input type="checkbox"/>	<input type="checkbox"/>
AM							<input type="checkbox"/>	<input type="checkbox"/>
AN							<input type="checkbox"/>	<input type="checkbox"/>
AO							<input type="checkbox"/>	<input type="checkbox"/>
AP							<input type="checkbox"/>	<input type="checkbox"/>

### OTHER DOCUMENTS

*(Including Author, Title, Date, Pertinent Pages, Etc.)*

AR		
AS		
AT		

EXAMINER

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

JC979 U.S. PTO  
 09/91128  
 07/23/01

<b>Notice of References Cited</b>	Application No. <b>09/133,832</b>	Applicant(s) <b>Kasper et al.</b>
	Examiner <b>Terrence R. Till</b>	Group Art Unit <b>1744</b>

#### U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
A	3,262,146	7/1966	Hays	15	321
B	4,956,891	9/1990	Wulff	15	320
C	5,513,415	5/1996	Kent et al.	15	320
D	5,542,147	8/1996	Merten	15	321
E					
F					
G					
H					
I					
J					
K					
L					
M					

#### FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
N						
O						
P						
Q						
R						
S						
T						

#### NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
U		
V		
W		
X		

<b>Notice of References Cited</b>			Application No. 09/133,832	Applicant(s) <b>Kasper et al.</b>		
			Examiner Terrence R. Till	Group Art Unit 1744	Page 1 of 1	
<b>U.S. PATENT DOCUMENTS</b>						
*	DOCUMENT NO.	DATE	NAME		CLASS	SUBCLASS
x A	5,500,977	3/1996	McAllise et al.		15	320
B						
C						
D						
E						
F						
G						
H						
I						
J						
K						
L						
M						
<b>FOREIGN PATENT DOCUMENTS</b>						
*	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
N						
O						
P						
Q						
R						
S						
T						
<b>NON-PATENT DOCUMENTS</b>						
*	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)				DATE	
U						
V						
W						
X						

\* A copy of this reference is not being furnished with this Office action.  
(See Manual of Patent Examining Procedure, Section 707.05(e).)

JD979 U.S. PTO  
09/911228  
07/23/01



Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Atty. Docket Number  71189-1337	Serial Number:  S-PTO 09/91128
<b>LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION (Use several sheets if necessary)</b>	Applicants: GARY A. KASPER AND DAVID E. McDOWELL	
	Filing Date:	Group:

**U.S. PATENT DOCUMENTS**

*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	6,176,940	01/2001	Wang			
AB	6,131,237	10/2000	Kasper et al.			
AC	4,974,282	12/1990	Stoltz et al.			
AD	4,803,466	02/1989	Gurstein et al.			
AE	3,812,552	05/1974	Blackmon			
AF	3,774,261	11/1973	Colt			
AG	3,774,260	11/1973	Emus, Jr.			
AH	3,438,580	04/1969	Siebring			
AI						
AJ						
AK						

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	CLASS	SUBCLASS	TRANSLATION YES	NO
AL						<input type="checkbox"/>	<input type="checkbox"/>
AM						<input type="checkbox"/>	<input type="checkbox"/>
AN						<input type="checkbox"/>	<input type="checkbox"/>
AO						<input type="checkbox"/>	<input type="checkbox"/>
AP						<input type="checkbox"/>	<input type="checkbox"/>

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Author unknown, IDS Select 12 Gallon Heater Canister Extractor, one page of web site printout, printed 6/13/01		
AS	Author unknown, U.S. Products HHP-300, two pages of web site printout, printed 6/13/01		
AT	Author unknown, PowrFlite.com Commercial Floor Care Equipment "Upright Extractors," one page of web site printout, printed 6/13/01		

EXAMINER

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <b>LIST OF PRIOR ART CITED BY APPLICANT</b> <b>IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>	Atty. Docket Number	Serial Number:
	71189-1337	PTO 1128
	Applicants: GARY A. KASPER AND DAVID E. McDOWELL	
	Filing Date:	Group:

C979 U.S. 09/9 09/01  
07/23/01

**U.S. PATENT DOCUMENTS**

*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	CLASS	SUBCLASS	TRANSLATION YES      NO
	AL						<input type="checkbox"/> <input type="checkbox"/>
	AM						<input type="checkbox"/> <input type="checkbox"/>
	AN						<input type="checkbox"/> <input type="checkbox"/>
	AO						<input type="checkbox"/> <input type="checkbox"/>
	AP						<input type="checkbox"/> <input type="checkbox"/>

**OTHER DOCUMENTS***(Including Author, Title, Date, Pertinent Pages, Etc.)*

	AR	Author unknown, PowrFlite.com Commercial Floor Care Equipment, five pages web site
		printout printed 6/13/01
	AS	Author unknown, Sharper Image Steam Wizard SM420 Instructions brochure, ©1998
	AT	

EXAMINER

DATE CONSIDERED:

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.